Nuclear Medicine Communications **5**, 787–792 (1984)

INDEXES TO VOLUME 5

Subject index

The abbreviation R after a page number indicates a review article.

Brain
^{123}I-Amphetamine single photon emission computed (SPECT) tomography versus ^{133}Xe dynamic SPECT: preliminary results, 439

Cardiac
Acute uptake and chronic retention of infarct avid myocardial-seeking agents: $^{99}Tc^{m}$-pyrophosphate and ^{123}I-phenylphosphate, 647
The clinical utility of gated ^{201}Tl myocardial scintigraphy: a suggested method instead of the conventional static study, 545
Comparison of equilibrium radionuclide and contrast angiographic measurements of left ventricular peak ejection and filling rates and their time intervals, 619
Effects of statistical quality, sampling rate and temporal filtering techniques on the extraction of functional parameters from the left ventricular time–activity curves, 599
Exercise radionuclide angiography in hyperlipidaemic children with apparently normal hearts, 13
Identification of right ventricular rupture by radionuclide ventriculography, 573
Left ventricular function and the distribution of pulmonary and total blood volume in hypertensive and normotensive man, 609
Multiple gated nuclear angiography performed at rest to evaluate left ventricular function in clinically asymptomatic diabetic patients, 681
Quantitative analysis of rotating gamma camera thallium-201 scintigrams of myocardium, 577
A protocol for performing factorial phase/amplitude imaging on gated cardiac studies, 461
Thallium-201 myocardial imaging in congenitally corrected transposition of the great arteries, 721
Ventricular function in thyrotoxicosis complicated by atrial fibrillation, 159

Endocrine
The appearance of pyramidal lobe on thyroid scintigraphy, 163
Imaging of phaeochromocytoma and adrenal medulla with ^{123}I-meta-iodobenzyl guanidine, 763
The optimization of nuclear medicine procedures for the diagnosis and management of thyroid disorders in developing countries, 339
Time course of thyroglobulin autoantibodies in patients with differentiated thyroid carcinoma after radioiodine therapy, 317
Ventricular function in thyrotoxicosis complicated by atrial fibrillation, 159

Gastrointestinal
Gastro-oesophageal reflux scintigraphy compared with pH probe monitoring, 201

A quantitative approach to gastro-oesophageal reflux in children, 689
Scintigraphic detection of acute gastrointestinal bleeding using $^{99}Tc^{m}$-DTPA, 633
Scintigraphy can supplement endoscopy in localizing gastrointestinal bleeding, 81

Kidney

Comparison of $^{99}Tc^{m}$-MDP static and dynamic methods of obstructive nephropathy detection using transit times analysis as a reference: a pilot study, 397
The determination of relative renal function by optical densitometry, 145
Diuresis renography and parenchymal transit times in the assessment of renal pelvic dilation, 451
A failure of $^{99}Tc^{m}$-DTPA perfusion scanning to identify perfusion in nonfunctioning transplants: two case reports, 87
Renal parenchymal determination and analysis during dynamic $^{99}Tc^{m}$-DTPA scans in children, 35
Renal transplant extravasation of urine through a chest tube: an unusual appearance on radionuclide imaging, 655
$^{99}Tc^{m}$-TDG renography with deconvolution analysis: a comparative study with $^{99}Tc^{m}$-DTPA and ^{123}I-hippuran, 513

Liver and spleen

An analysis of the uptake of $^{99}Tc^{m}$-sulphur colloid by liver and spleen, 593
The gallbladder emptying response to sequential exogenous and endogenous cholecystokinin, 27
Hepatic uptake and fate of ^{123}I- and ^{14}C-fatty acids in normal and ethanolic mice, 519
Potential application of 4-iodoantipyrine ^{123}I and a portable detector in the determination of hepatic drug-oxidizing enzyme activities, 551
Retention ratio image: a useful parametric image for detecting intrahepatic lithiasis, 323

Nuclear magnetic resonance

Gradient procedures to encode selectively spatial or velocity variables in NMR imaging, 671

Oncology

Alphafetoprotein in patients with malignant diseases, 169
Differential radioactivity monitor for noninvasive detection of ocular melanoma, 381
Imaging of canine cancers with ^{18}F-2-fluoro-2-deoxy-D-glucose (FDG) suggests further applications for cancer imaging in man, 641
Ovarian cancer: diagnosis using ^{123}I monoclonal antibody in comparison with surgical findings, 485
Physical approach for the reduction of dual radionuclide image subtraction artefacts in immunoscintigraphy, 501
Time course of thyroglobulin autoantibodies in patients with differentiated thyroid carcinoma after radioiodine therapy, 317
The use of radioiodinated alpha-fetoprotein for the scintigraphic detection of mouse mammary carcinomas, 5

Radiopharmacy

Acute uptake and chronic retention of infarct avid myocardial-seeking agents: $^{99}Tc^{m}$-pyrophosphate and ^{123}I-phenylphosphate, 647

The adsorption of $^{99}Tc^{m}$ dimercaptosuccinic acid onto injection vials, 195
Depyrogenation, sterilization and deproteination of radiopharmaceuticals with an ultrafilter, 19
Imaging of phaeochromocytoma and adrenal medulla with ^{123}I-meta-iodobenzyl guanidine, 763
In vitro stability of $^{99}Tc^{m}$ bone scan preparations from different manufacturers measured by various radiopharmaceutical parameters, 467
Preparative HPLC purification, a key to pure ^{123}IMP showing high brain uptake, 705
Quantitative *in vivo* and *in vitro* comparison between radiolabelled colloids, biomolecules and blood cells in their ability to diagnose deep venous thrombosis, 741
Time course of indium-111 oxine labelling of human leukocytes, 769

Respiratory
A mathematical model of the behaviour of krypton-81 m gas in the lung at equilibrium, 41
Nasal sprays and polyps, 697
Single photon emission computed tomography study of human pulmonary perfusion: preliminary findings, 91
The use of $^{99}Tc^{m}$-DTPA aerosol ventilation scintigraphy in the diagnosis of pulmonary embolism, 387

Skeletal
Alternative tracers to ^{18}F for estimating bone blood flow, 153
False positive bone scan due to rib fractures following cardiac resuscitation, 173
Measurement of 24 hour whole body retention of $^{99}Tc^{m}$-diphosphonate by a single thyroid probe, 627
Radionuclide bone scanning in the diagnosis and management of condylar hyperplasia, 373
Radionuclide scanning and chondrosarcoma: report of two cases, 711

Tomography, instrumentation and computing
Differential radioactivity monitor for noninvasive detection of ocular melanoma, 381
Displays in nuclear medicine, 361 (R)
Effects of statistical quality, sampling rate and temporal filtering techniques on the extraction of functional parameters from the left ventricular time–activity curves, 559
Emission tomography: a concise theoretical overview, 733
Physical approach for the reduction of dual radionuclide image subtraction artefacts in immunoscintigraphy, 501
The probabilistic image: a concise image representation technique for multiple parameters, 587
Quantitative analysis of rotating gamma camera thallium-201 scinti grams of myocardium, 577
Single photon emission computed tomography study of human pulmonary perfusion: preliminary findings, 91
Which computer?, 291 (R)
Which gamma camera?, 131 (R)
Which SPECT?, 421 (R)
Which ultrasound?, 69 (R)

Vascular
Posterior oblique radioisotope sinogram for detection of sagittal sinus obstruction, 393

Quantitative *in vivo* and *in vitro* comparison between radiolabelled colloids, biomolecules and blood cells in their ability to diagnose deep vein thrombosis, 741
Thromboscintigraphy with $^{99}Tc^{m}$-plasmin: a new diagnostic method in deep venous thrombosis of the legs, 101
Uptake of $^{99}Tc^{m}$-sulphur colloid by deep vein thrombi: a case report, 175
Venous uptake of ^{201}Tl as thallous chloride, 329

Miscellaneous

Potential radiation dose to a breast-fed infant following administration of sodium ^{32}P-phosphate to the mother, 473
Successful imaging in paediatrics, 775

Author index

Abdel-Dayem, H.M., 633, 721
Ahonen, A., 641
Andersson, L., 741
Ariemma, G., 91
Atkins, H.L., 381
Barber, D.C., 361 (R)
Barratt, T.M., 35
Baulieu, F., 689
Baulieu, J.L., 689
Belcher, E.H., 339
Besser, G.M., 763
Bevis, C.R.A., 513
Blumhardt, R., 655
Bobba, V.R., 27
Bodmer, W., 485
Bonetti, M.G., 681
Bonmartin, A., 671
Bossuyt, A., 705
Bouloux, P., 763
Braun, S., 317
Briguet, A., 671
Britton, K.E., 339, 397, 485, 763
Brown, N.J.G., 291 (R)
Buell, U., 439, 627
Burchell, J., 485
Buxton-Thomas, M.S., 387
Caplin, J.L., 573
Carlsen, L., 705
Carratu, L., 91
Carroll, M.J., 397, 485
Carty, H., 775
Casset, D., 689
Castronovo, F.P., 647
Causer, D.A., 41
Champailler, A., 551
Chan, W., 559
Chen, Z., 323, 587
Clarke, M., 291 (R)
Coakley, A.J., 473
Constantinesco, A., 671
Cosgrove, D.O., 69 (R)
Croft, D.N., 87
Davies, I., 291 (R)
Derimanov, S.G., 169
Desouza, M., 13
Dickie, S., 619
Dudley, R.A., 339
Durbin, H., 485
Dymond, D.S., 573
Edenbrandt, C.-M., 741
Edmondson, S.J., 573
Edwards, S., 201
Ellam, S.V., 159, 291 (R)
Elwan, M., 633
English, P.J., 145
Epenetos, A.A., 485
Erikson, S., 633
Feinendegen, L.E., 519
Feitsma, R.I.J., 467
Fielitz, W., 5
Flatman, W., 485
Fortman, D.L., 329
Galli, G., 681
Garty, I., 545
Gibson, C., 291 (R)
Gilday, D.L., 13
Godfrey, K.R., 41
Gordon, I., 35
Granowska, M., 485, 763
Grover, S., 163
Guignard, P.A., 559
Hall, F.M., 473
Hamilton, D., 41
Hannan, W.J., 609
Hardy, J.G., 501, 697
Harris, S.A., 373
Hassan, I.M., 721
Hastings, D.L., 145
Hawkins, L.A., 485, 763
Healey, J.C., 551
Heuguerot, C., 5
Hilton, P.J., 87
Hinge, D.A., 153
Hock, A., 519
Horne, T., 485, 763
Houston, A.S., 461
Illukka, T., 641
Isaacs, P.E.T., 201
Itti, R., 689
Jarritt, P.H., 291 (R)
Johansson, R., 641
Jones, N.F., 87
Khan, O., 163
Kirsch, C.M., 317, 439
Kiuru, A., 641
Kleinhans, R., 317
Kouris, K., 733
Krishnamurthy, G.T., 27
Kuzbary, Y., 655
Laird, E.E., 577
Lallot, C., 671
Lambrecht, R.M., 381
Lang, P., 627
Langrell, K., 27
Lasher, J.C., 655
Lavender, J.P., 619
Lawson, R.S., 291 (R), 451, 513
Lee, S.W., 697
Liu, R.S., 323, 587
Lopez, J.J., 5
Lopez-Majano, V., 91
Lupton, E.W., 451
Machulla, H.J., 519
Mackay, I., 609
Mahajan, K., 633
Mahmoud, A., 721
Maini, C.L., 681
Maisey, M.N., 159, 201
Mallet, J.J., 671
Manna, R., 681
Martins, J.C.R., 201
Mather, S., 485
Maurage, C., 689
McCready, V.R., 163
McIntosh, J.A., 41
McKenna, W.J., 619
McLean, R.G., 711
Mertens, J., 705
Millar, A.M., 195
Milne, J.R., 573
Mittra, B., 577
Mlodkowska, E., 397

Moro, R., 5
Moser, E., 317
Mountford, P.J., 473
Mousa, M.A., 721
Muir, A.L., 609
Murray, I.P.C., 711
Muto, P., 91
Myers, M.J., 619
Nakayama, T., 19
Nath, K., 609
Nawaz, K.H., 397
Nemec, J., 339
Newman, H., 619
Nimmon, C.C., 397, 485
Nisbet, A.P., 159
Nofal, M., 339
Nordman, E., 641
Nunan, T.O., 87
Olteanu-Nerbe, V., 439
Ott, R., 163
Overgaard, K., 101
Owunwanne, A., 633
Packer, S., 381
Page, C., 87
Paul, R., 641
Pauwels, E.K.J., 467
Perkins, A.C., 501
Pfannenstiel, P., 339
Phornphilbulaya, P., 179
Pleehachinda, R., 179
Plotquin, G., 393
Ponto, J.A., 769
Potter, R., 291 (R)
Pourcelot, L., 689
Quayle, A.A., 373
Rajathurai, A., 577
Rankin, D., 173, 577
Rapp, A., 393
Reeve, J., 153
Robbins, P.J., 329
Robert, M., 689
Robinson, P.J., 81
Roca, A., 5
Roeda, D., 641
Rolland, J.C., 689
Rose, V., 13
Ruksawin, N., 179
Rutland, M.D., 593
Salvatore, M., 91
Savage, P.E., 163
Schachner, E., 393
Schaffer, M.S., 13
Schieren, R., 519
Schiffer, J., 393
Schmiedek, P., 439
Seabold, J.E., 769
Shepherd, J., 485
Shields, R.A., 451, 513
Short, M.D., 131 (R)
Shreeve, W.W., 519
Silberstein, E.B., 329
Sill, P., 329
Simo. G., 721
Sladen, G.E., 201
Slevin, M., 485
Smelt, G.J.C., 697
Soderstrom, K.-O., 641
Sofia, M., 91
Solin, O., 641
Stahlberg, F., 741
Stevens, R.G., 291 (R)
Strand, S.-E., 741
Strauss, H.W., 647
Sugrue, D.D., 619
Suwanik, R., 179
Suzuki, K., 19
Talvio, T., 641
Tamate, K., 19
Taylor, D., 291 (R)
Taylor-Papadimitriou, J., 485
Tellez, M., 153
Testa, H.J., 373, 451, 513
Thomas, S.R., 329
Todd-Pokropek, A., 35, 421
Valat, C., 689
Vanryckeghem, W., 705
Vavrejn, B., 339
Veall, N., 153
Vercelli-Retta, J., 5
Vernon, P., 291 (R)
Vicks, B., 655
Vivian, G.C., 35
Volodin, V., 339
Voutay, M., 551
Vyska, K., 519
Ward, B., 485
Watson, M.L., 609
Wells, C.P., 473
Whalley, D.R., 501
Williams, E.D., 577
Wilson, G.C., 697
Wing, A.J., 87
Winston, B., 291 (R)
Wolfson, M., 159
Wraight, E.P., 387
Wu, L.C., 323, 587
Yasuda, T., 647
Yeh, S.H., 323, 587
Ziada, G., 633